

SAFETY PRECAUTIONS

SERVICE WARNING

Only qualified service technicians who are familiar with safety checks and guidelines should perform service work. Before replacing parts, disconnect power source to protect electrostatically sensitive parts. Do not attempt to modify any circuit unless so recommended by the manufacturer. When servicing the receiver, use an isolation transformer between the line cord and power receptacle.

SERVICING THE HIGH VOLTAGE AND CRT

Use EXTREME CAUTION when servicing the high voltage circuits. To discharge static high voltage, connect a 10K ohms resistor in series with a test lead between the receiver and CRT anode lead. DO NOT lift the CRT by the neck. Always wear shatterproof goggles when handling the CRT to protect eyes in case of implosion.

X-RAY RADIATION AND HIGH VOLTAGE LIMITS

Be aware of the instructions and procedures covering X-ray radiation. In solid-state receivers and monitors, the CRT is the only potential source of X-rays. Keep an accurate high voltage meter available at all times. Check meter calibration periodically. Whenever servicing a receiver, check the high voltage at various brightness levels to be sure it is regulating properly. Keep high voltage at rated value, NO HIGHER. Excessive high voltage may cause X-ray radiation or failure of associated components. DO NOT depend on protection circuits to keep voltage at rated value. When troubleshooting a receiver with excessive high voltage, avoid close contact with the CRT. DO NOT operate the receiver longer than necessary. To locate the cause of excessive high voltage, use a variable AC transformer to regulate voltage. In present receivers, many electrical and mechanical components have safety related characteristics which are not detectable by visual inspection. Such components are identified by a # on both the schematic and the parts list. For SAFETY, use only equivalent replacement parts when replacing these components.

GENERAL GUIDELINES

Perform a final SAFETY CHECK before returning receiver to customer. Check repaired area for poorly soldered connections, and check entire circuit board for solder splashes. Check inner board wiring for pinched wires or wires contacting any high wattage resistors. Check that all control knobs, shields, covers, grounds, and mounting hardware have been replaced. Be sure to replace all insulators and restore proper lead dress.

The listing of any available replacement part herein in no case constitutes a recommendation, warranty, or guarantee by Howard W. Sams & Company as to the quality and suitability of such replacement part. The numbers of the listed parts have been compiled from information furnished to Howard W. Sams & Company by the manufacturers of the specific type of replacement part listed.

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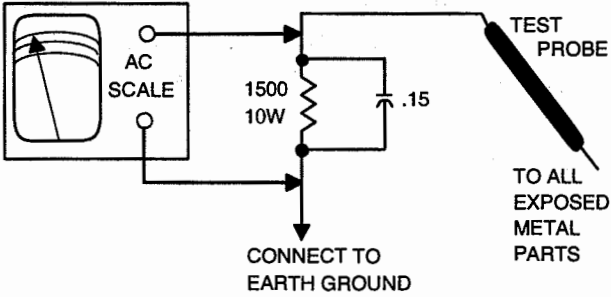
Printed in the United States of America 5 4 3 2 1

SAFETY CHECKS -- FIRE AND SHOCK HAZARD  
Cold Leakage Checks for Receivers with Isolated Ground

Unplug the AC cord, connect a jumper across the plug prongs, and turn the power switch on (if applicable). Use an ohmmeter to measure the resistance between the jumped AC plug and any exposed metal cabinet parts such as antenna screw heads, control shafts, or handle brackets. Exposed metal parts with a return path should measure between 1M ohms and 5.2M ohms. Parts without a return path must measure infinity.

Hot Leakage Current Check

Plug the AC cord directly into an AC outlet. DO NOT use an isolation transformer. Use a 1500 ohms, 10W resistor in parallel with a .15µF capacitor to connect between any exposed metal parts on the receiver and a good earth ground. (See figure below.) Use an AC voltmeter with at least 5000 ohms per volt sensitivity to measure the voltage across the resistor. Check all exposed metal parts and measure voltage at each point. Voltage measurements should not exceed .75VAC, 500µA. Any value exceeding this limit constitutes a potential shock hazard and must be corrected. If the AC plug is not polarized, reverse the AC plug and repeat exposed metal part voltage measurement at each point.



**HIGH VOLTAGE SHUTDOWN TEST**  
Momentarily connect a 1000 ohm resistor across R451. The set should lose raster and sound and remain in that state. If the set does not lose raster and sound, the high voltage shutdown circuit should be repaired. To resume normal operation remove AC power and wait 15 seconds then test the set for normal operation.



99PF01528



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PHOTOFACT® Technical Service Data

SET 4205

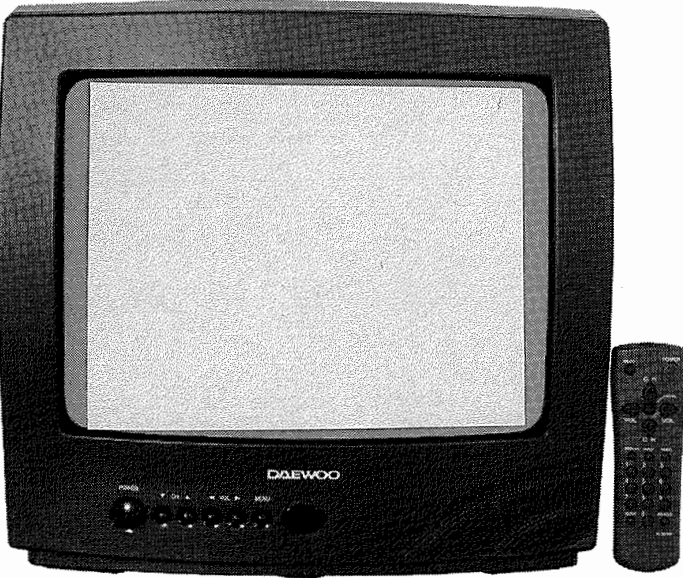
MODELS DTQ-13P2FC, DTQ-13P3FC (CHASSIS CN001A)

DAEWOO

INDEX

GridTrace Location  
Main Board ..... 3  
High Voltage Shutdown Test ..... 1  
IC Functions ..... 1  
Important Parts Information ..... 2  
Miscellaneous Adjustments ..... 1  
Parts List ..... 4  
Placement Chart ..... 1  
Safety Precautions ..... 1  
Schematic Component Location ..... 2  
Schematic Notes ..... 2  
Schematics  
Power Supply ..... 2  
System Control ..... 2  
Television ..... 2  
Test Equipment ..... 1  
Tuner Information ..... 1

DAEWOO  
Models DTQ-13P2FC, DTQ-13P3FC (Chassis CN-001A)



Model DTQ-13P2FC

Essential coverage  
for servicing a television receiver...

- Schematics
- Component locations
- Parts list



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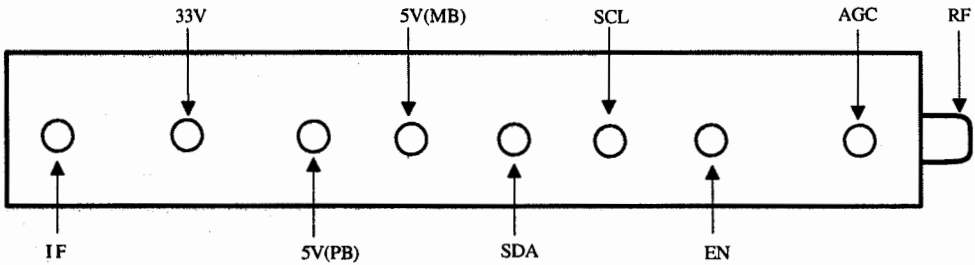
OCTOBER 1999 SET 4205

TUNER INFORMATION

TUNER VOLTAGE CHART							
Pin	VHF Low Band	VHF High Band	UHF Band	Pin	VHF Low Band	VHF High Band	UHF Band
AGC	2.3V	2.4V	3.0V	5V(MB)	5.0V	5.0V	5.0V
EN	0V	0V	0V	5V(PB)	5.0V	5.0V	5.0V
SCL	5.0V	5.0V	5.0V	33V	33.0V	33.0V	33.0
SDA	5.0V	5.0V	5.0V	IF	0V	0V	0V

NOTE: VHF Low Band voltages taken on channel 2.  
VHF High Band voltages taken on channel 7.  
UHF Band voltages taken on channel 14.

TUNER TERMINAL GUIDE



TEST EQUIPMENT

Test equipment listed by participating manufacturer illustrates typical or equivalent equipment used by Sams engineers to obtain measurements. This equipment is compatible with most types used by field service technicians.

Equipment	Sencore No.
Oscilloscope	SC3100
Generators	
RGB	CM2125
Multiburst Signal	VG91
Color Bar	VG91
TV Stereo	VG91
Digital VOM	SC3100
Frequency Meter	SC3100
Hi-Voltage Probe	HP200
Accessory Probes	TP212
Isolation Transformer	PR570
Capacitance Analyzer	LC102
CRT Analyzer	CR7000
AC Leakage Tester	PR570
Inductance Analyzer	LC102
Flyback Yoke Tester	TVA92
Field Strength Meter	SL753
Transistor Tester	TF46
Horizontal Analyzer	HA-2500
Video Analyzer	VG91, TVA92

MISCELLANEOUS ADJUSTMENTS

HIGH VOLTAGE CHECK

Tune in a picture. Set brightness, color, and picture to minimum.  
Connect a high voltage probe to the CRT anode. The high voltage should read between 23kV and 24.5kV.

B+ CHECK

Turn receiver on and tune in an active station. Set picture and brightness to normal. Check the voltage at the cathode of diode D807, it should be 134V ±1V.

SERVICE ADJUSTMENT MODE

Turn receiver on and tune in an active station. Press the buttons 1 - mute - display - mute on the remote. The service adjustment mode display will appear on the screen. Pressing the channel up or down button will select the item to adjust. Pressing the volume up or down button will change the value. Pressing the menu button will change the screen to the previous one or end the adjustment mode.

To save the changed values into memory press the display button before exiting the adjustment mode.

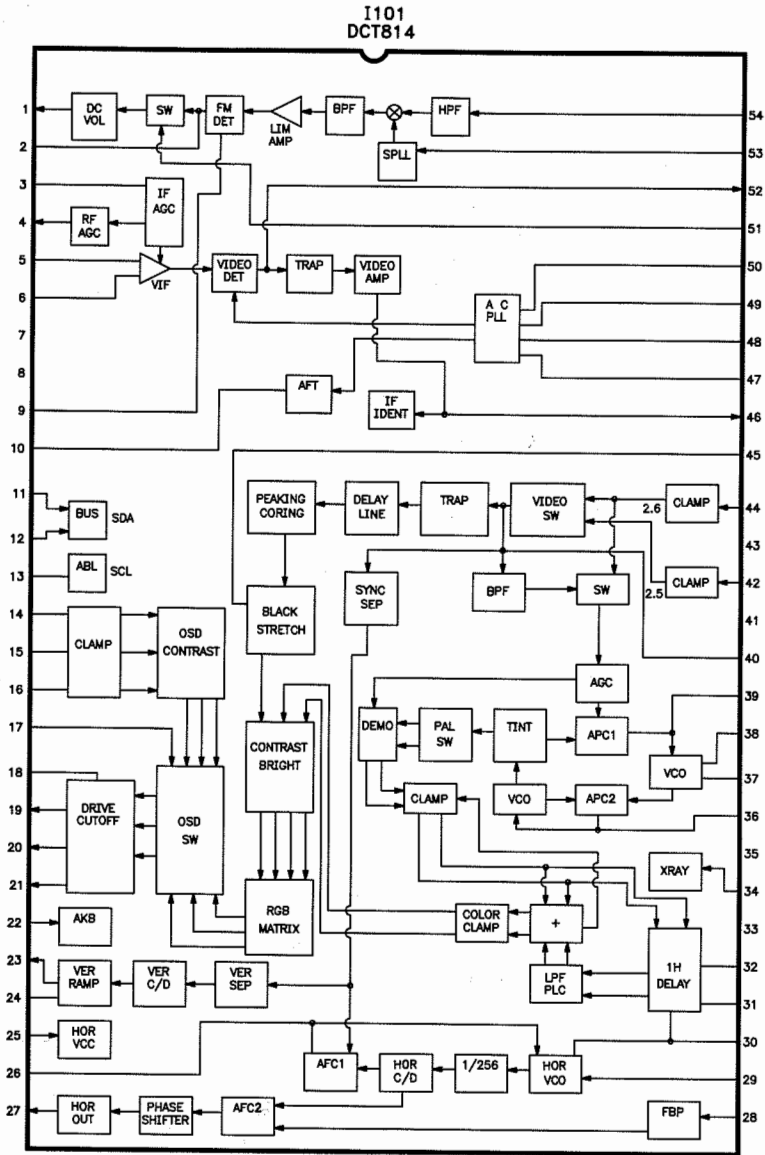
SERVICE ADJUSTMENT MODE DISPLAY

S2	SCRN
S5	IFC
S6	GEO
S8	W / B
S9	DP
S12	FACT
S7	PTRN NORMAL

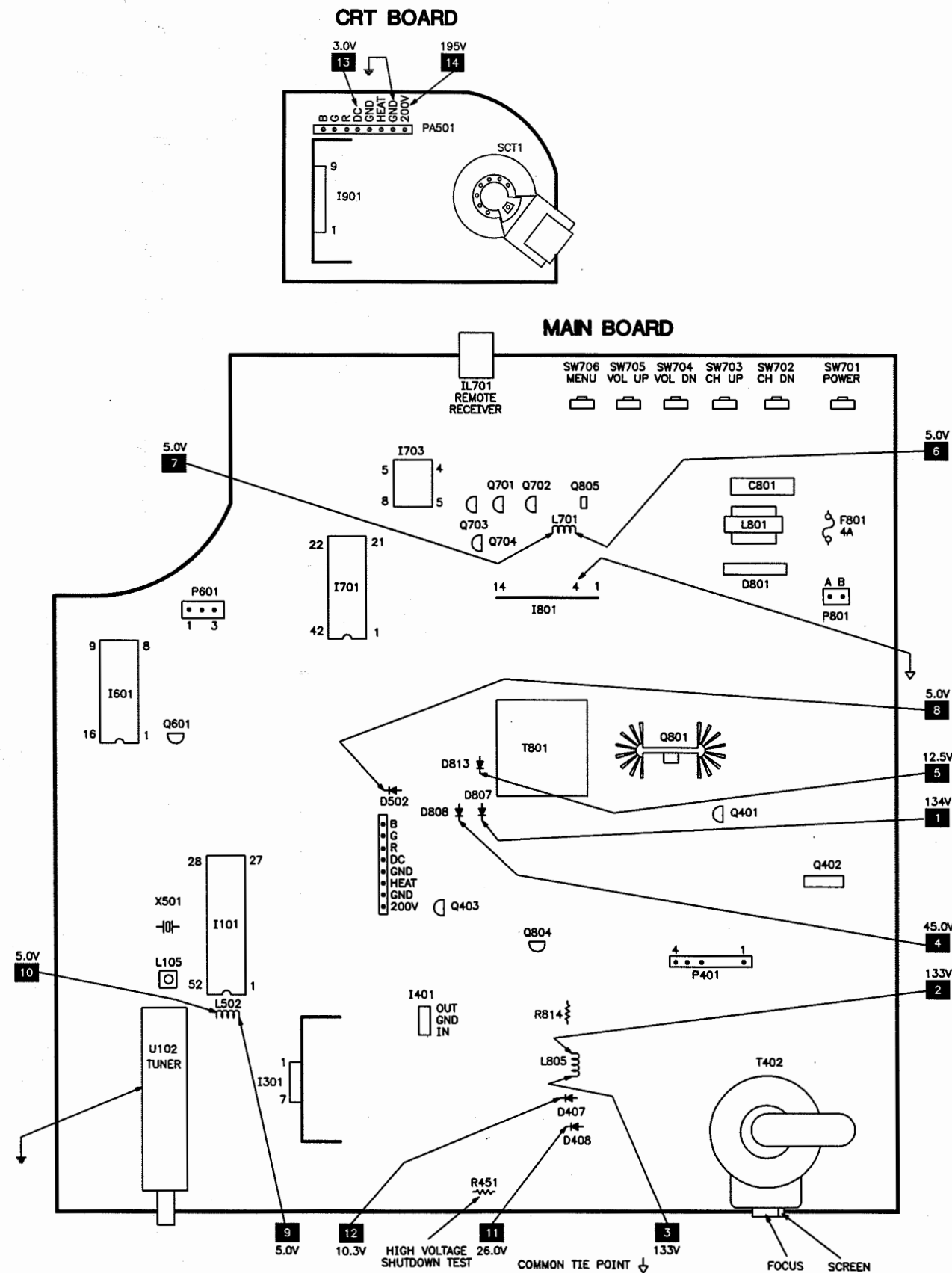
VALUES FOR SERVICE ADJUSTMENT MODE

MODE	ADJUSTMENT	VALUE RANGE	ON-SET VALUE	NOTES
S2 SCRN	-	-	-	Will collapse the vertical to a horizontal line.
S5 IF CONTROL (IFC)	Screen Adjustment	-	-	Adjust screen control until the horizontal line disappears.
	-	-	-	-
	Auto RF AGC	-	OK	Will change to START, when RF AGC Delay is adjusted.
	Video Level (VIDEOL)	0 - 7	7	Must be set to 7.
	RF AGC Delay (RFAGCD)	0 - 63	1	Set for a snow free picture on all channels.
	FM Level (FM.LEV)	0 - 31	8	Must be set to 8.
	AGC Point	3.75	3.75	Must be set to 3.75.
S6 GEOMETRY (GEO)	A / D VALUE	-	7Bh	Will be automatically set by Auto RF AGC.
	-	-	-	Tune in a crosshatch pattern.
	H. PHASE	0 - 31	18	-
	V. POSI	0 - 63	25	-
	V. SIZE	0 - 127	80	Adjust for proper vertical size.
	NO SD POWER OFF	Yes - No	Yes	Power automatically turns off in 15min if no signal received.
	V S-Correction (V SC)	0 - 31	0	Must be set to 0.
S7 PRNT NORMAL	V Linearity (V LIN)	0 - 31	16	Must be set to 16
	-	-	-	Press volume up to change to the next pattern
	Normal Pattern	-	-	Display normal signal.
	Black Pattern	-	-	Display internal black pattern.
	100% White Pattern	-	-	Display internal 100% white pattern.
	60% White Pattern	-	-	Display internal 60% white pattern.
	Cross Pattern	-	-	Display internal cross pattern.
S8 W / B	-	-	-	Tune in a black and white staircase pattern.
	Red Drive (RD)	0 - 127	77	Adjust for best black and white picture.
	Green Drive (GD)	0 - 15	10	Must be set to 10.
	Blue Drive (BD)	0 - 127	68	Adjust for best black and white picture.
	Red Bias (RB)	0 - 255	78	Red Out DC level. Adjust for best black and white picture.
	Green Bias (GB)	0 - 255	161	Green Out DC level. Adjust for best black and white picture.
	Blue Bias (BB)	0 - 255	145	Blue Out DC level. Adjust for best black and white picture.
S9 DP	-	-	-	Tune in a picture.
	Sub Brightness	0 - 127	49	Set for midrange.
	Contrast	0 - 27	27	Set for best contrast.
	Tint	0 - 27	15	Set for flesh tone.
	Color	0 - 27	27	Set for best color.
S12 FACT	Factory Initilization	-	-	Press volume up to exit service mode.

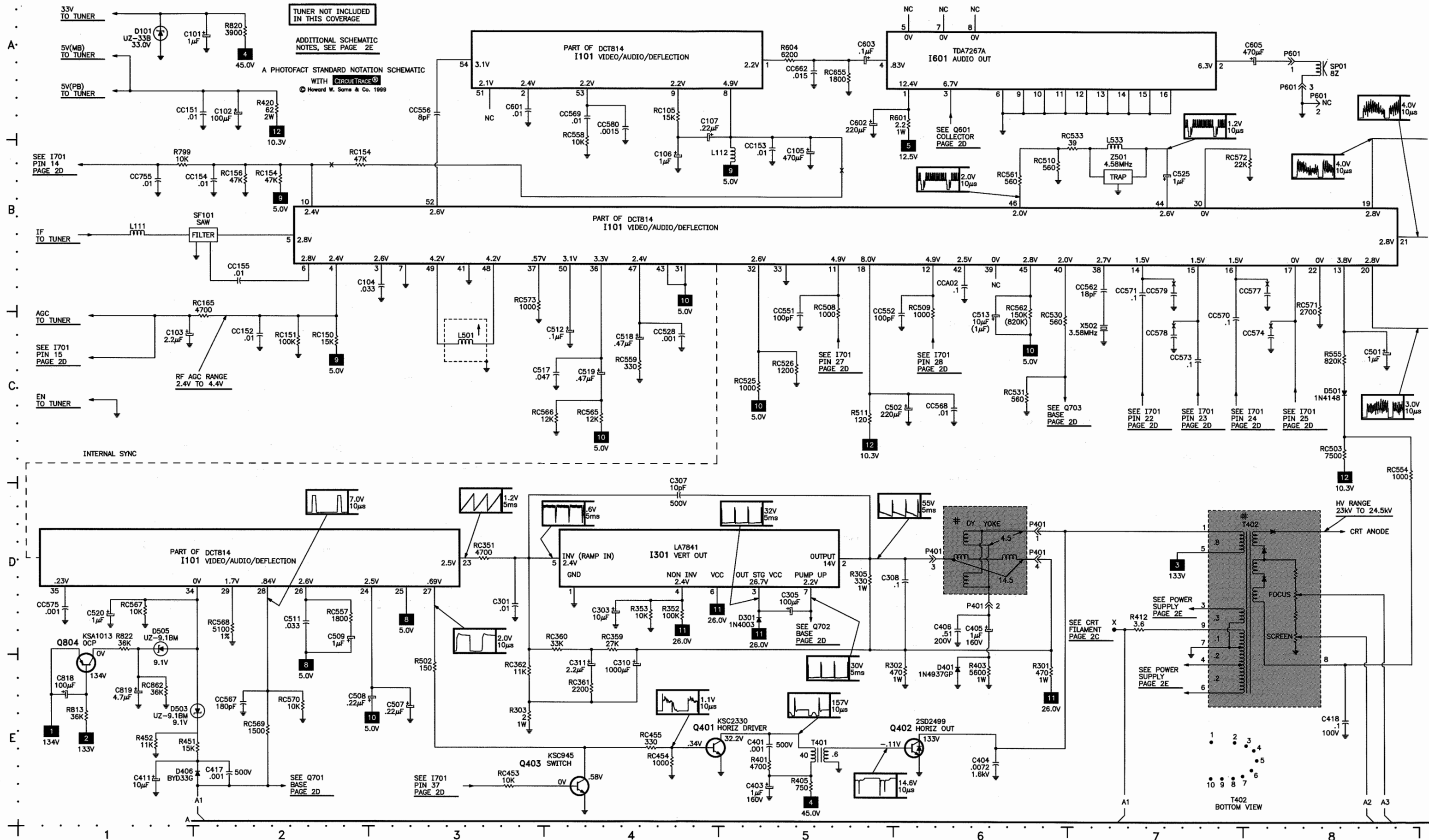
IC FUNCTIONS

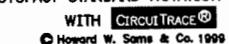
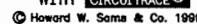


# PLACEMENT CHART



A.



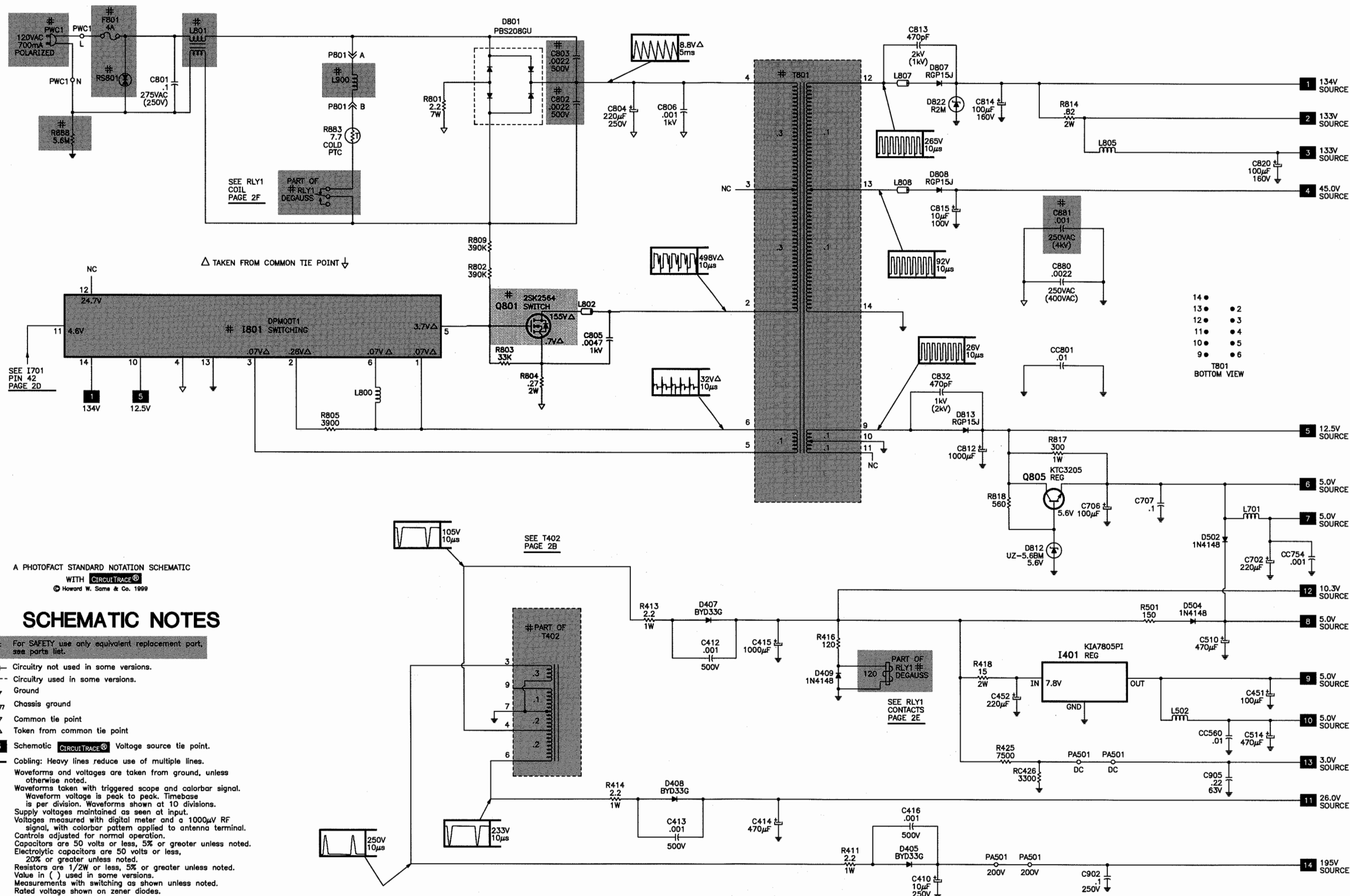




E

## POWER SUPPLY SCHEMATIC

F



A PHOTOFACT STANDARD NOTATION SCHEMATIC  
WITH CIRCUITTRACE®  
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## SCHEMATIC NOTES

# For SAFETY use only equivalent replacement part, see parts list.

— Circuitry not used in some versions.

--- Circuitry used in some versions.

↓ Ground

⏏ Chassis ground

△ Common tie point

△ Taken from common tie point

3 Schematic CIRCUITTRACE® Voltage source tie point.

A Cabling: Heavy lines reduce use of multiple lines.

Waveforms and voltages are taken from ground, unless otherwise noted.

Waveform taken with triggered scope and colorbar signal.

Waveform voltage is peak to peak. Timebase is per division. Waveforms shown at 10 divisions.

Supply voltages maintained as seen at input.

Voltages measured with digital meter and a 1000μV RF signal, with colorbar pattern applied to antenna terminal.

Controls adjusted for normal operation.

Capacitors are 50 volts or less, 5% or greater unless noted.

Electrolytic capacitors are 50 volts or less, 20% or greater unless noted.

Resistors are 1/2W or less, 5% or greater unless noted.

Value in ( ) used in some versions.

Measurements with switching as shown unless noted.

Rated voltage shown on zener diodes.

**SCHEMATIC COMPONENT LOCATION GUIDE**

C101	A-2	C813	A-21	D801	A-19	R511	C-5	RC557	D-2	T402	E8
C102	A-2	C814	A-22	D807	A-21	R555	C-8	RC558	B-4	T402	E20
C103	C-1	C815	B-22	D808	B-21	R601	B-6	RC559	C-4	T801	A-21
C104	B-3	C818	E-1	D812	D-22	R604	A-5	RC561	B-6	X	D-7
C105	B-5	C819	E-1	D813	C-22	R605	D-15	RC562	C-6	X502	C-7
C106	B-4	C820	B-23	D822	A-22	R701	A-13	RC565	C-4	XC701	E-14
C107	B-4	C832	C-21	DY	D-6	R708	C-13	RC566	C-4	Z501	B-7
C301	D-3	C880	B-22	F801	A-17	R709	B-13	RC567	D-1		
C302	C-13	C881	B-22	I101	A-4	R712	C-13	RC568	D-2		
C303	D-4	C902	E-22	I101	B-4	R736	B-14	RC569	E-2		
C305	D-5	C905	E-23	I101	D-2	R743	B-14	RC570	E-2		
C307	D-4	C965	C-11	I301	D-4	R744	B-13	RC571	C-8		
C308	D-6	CC151	A-2	I401	D-22	R746	B-13	RC572	B-7		
C310	E-4	CC152	C-2	I601	A-6	R747	B-13	RC573	C-3		
C311	E-4	CC153	B-5	I701	B-14	R750	B-14	RC655	A-5		
C401	E-5	CC154	B-2	I703	B-15	R780	A-15	RC656	D-15		
C403	E-5	CC155	B-2	I801	C-18	R785	A-15	RC703	B-15		
C404	E-6	CC528	C-4	I901	B-10	R789	B-15	RC704	B-15		
C405	D-6	CC551	C-5	IL701	A-13	R790	B-15	RC705	B-15		
C406	D-6	CC552	C-5	J063	D-13	R799	B-1	RC706	B-15		
C410	E-21	CC556	A-3	L111	B-1	R801	A-19	RC707	B-15		
C411	E-1	CC560	E-23	L112	B-5	R802	B-19	RC731	C-13		
C412	D-20	CC562	B-7	L501	C-3	R803	C-19	RC732	C-15		
C413	E-20	CC567	E-2	L502	E-23	R804	C-19	RC733	C-15		
C414	E-21	CC568	C-6	L533	B-7	R805	C-18	RC734	C-15		
C415	D-21	CC569	A-4	L701	C-23	R809	B-19	RC735	C-15		
C416	E-21	CC570	C-7	L800	C-19	R813	E-1	RC737	B-13		
C417	E-2	CC571	B-7	L801	A-18	R814	A-22	RC738	B-13		
C418	E-8	CC573	C-7	L802	B-20	R817	C-22	RC751	B-15		
C451	D-23	CC574	C-8	L805	B-22	R818	C-22	RC752	B-16		
C452	D-22	CC575	D-1	L807	A-21	R820	A-2	RC756	E-15		
C501	C-8	CC577	B-8	L808	B-21	R822	E-1	RC759	E-15		
C502	C-6	CC578	C-7	L900	A-18	R883	A-18	RC770	E-15		
C507	E-3	CC579	B-7	PWC1	A-17	R888	A-17	RC781	D-14		
C508	E-2	CC580	B-4	Q401	E-4	R910	B-11	RC782	E-14		
C509	D-2	CC662	A-5	Q402	E-6	R911	C-11	RC784	E-14		
C510	D-23	CC752	E-13	Q403	E-4	R912	B-11	RC786	A-14		
C511	D-2	CC753	E-14	Q601	D-15	R913	B-10	RC787	A-15		
C512	C-4	CC754	D-23	Q701	C-13	R914	C-10	RC788	B-15		
C513	C-6	CC755	B-1	Q702	C-14	R915	B-10	RC790	E-15		
C514	E-23	CC756	D-13	Q703	D-13	RC105	A-4	RC791	C-15		
C517	C-4	CC757	E-14	Q704	B-13	RC150	C-2	RC792	C-15		
C518	C-4	CC758	C-15	Q801	B-19	RC151	C-2	RC793	C-16		
C519	C-4	CC759	C-15	Q804	E-1	RC154	B-2	RC794	C-16		
C520	D-1	CC760	C-15	Q805	C-22	RC154	B-2	RC795	C-13		
C525	B-7	CC780	B-15	R301	E-6	RC156	B-2	RC796	C-14		
C601	A-3	CC801	C-22	R302	E-6	RC165	C-2	RC797	C-13		
C602	B-5	CC900	C-10	R303	E-3	RC351	D-3	RC862	E-1		
C603	A-5	CCA02	B-6	R305	D-5	RC359	E-4	RC913	B-9		
C604	D-16	CRT1	C-12	R352	D-4	RC360	E-3	RC914	C-9		
C605	A-7	D101	A-1	R353	D-4	RC361	E-4	RC915	B-9		
C701	A-13	D301	D-5	R401	E-5	RC362	E-3	RC923	B-9		
C702	D-23	D401	E-6	R403	E-6	RC426	E-22	RC924	C-9		
C703	D-14	D405	E-21	R405	E-5	RC453	E-3	RC925	B-9		
C704	E-14	D406	E-2	R411	E-21	RC454	E-4	RLY1	B-18		
C705	B-14	D407	D-20	R412	D-7	RC455	E-4	RLY1	D-21		
C706	C-22	D408	E-20	R413	D-20	RC503	C-8	RS801	A-17		
C707	C-23	D409	D-21	R414	E-20	RC508	C-5	SF101	B-1		
C708	C-14	D501	C-8	R416	D-21	RC509	C-6	SP01	A-8		
C801	A-18	D502	D-23	R418	D-22	RC510	B-6	SW701	B-13		
C802	A-20	D503	E-2	R420	A-2	RC525	C-5	SW702	B-13		
C803	A-20	D504	D-23	R425	E-22	RC526	C-5	SW703	B-13		
C804	A-20	D505	E-1	R451	E-2	RC530	C-6	SW704	B-13		
C805	C-20	D701	B-14	R452	E-1	RC531	C-6	SW705	B-14		
C806	A-20	D704	B-13	R501	D-23	RC533	B-6	SW706	B-14		
C812	C-22	D757	C-14	R502	E-3	RC554	C-8	T401	E-5		

**Important Parts Information**

- The parts listed here are those not usually available from a well-stocked supply cabinet or bin.
- Where items may be replaced with equivalent parts, several alternates are shown from participating vendors.
- On the parts lists, safety items are marked with a # to remind you that only exact replacements are recommended for these items.
- When ordering parts, state the model number, part number, and description.

**Obtaining Parts**

Many of these parts are available from your local Sams authorized distributor or the manufacturer of the equipment. Call Sams for the name of your nearest distributor:

800-428-7267

Or consult the Sams *Annual Index* for the address of the original equipment manufacturer.

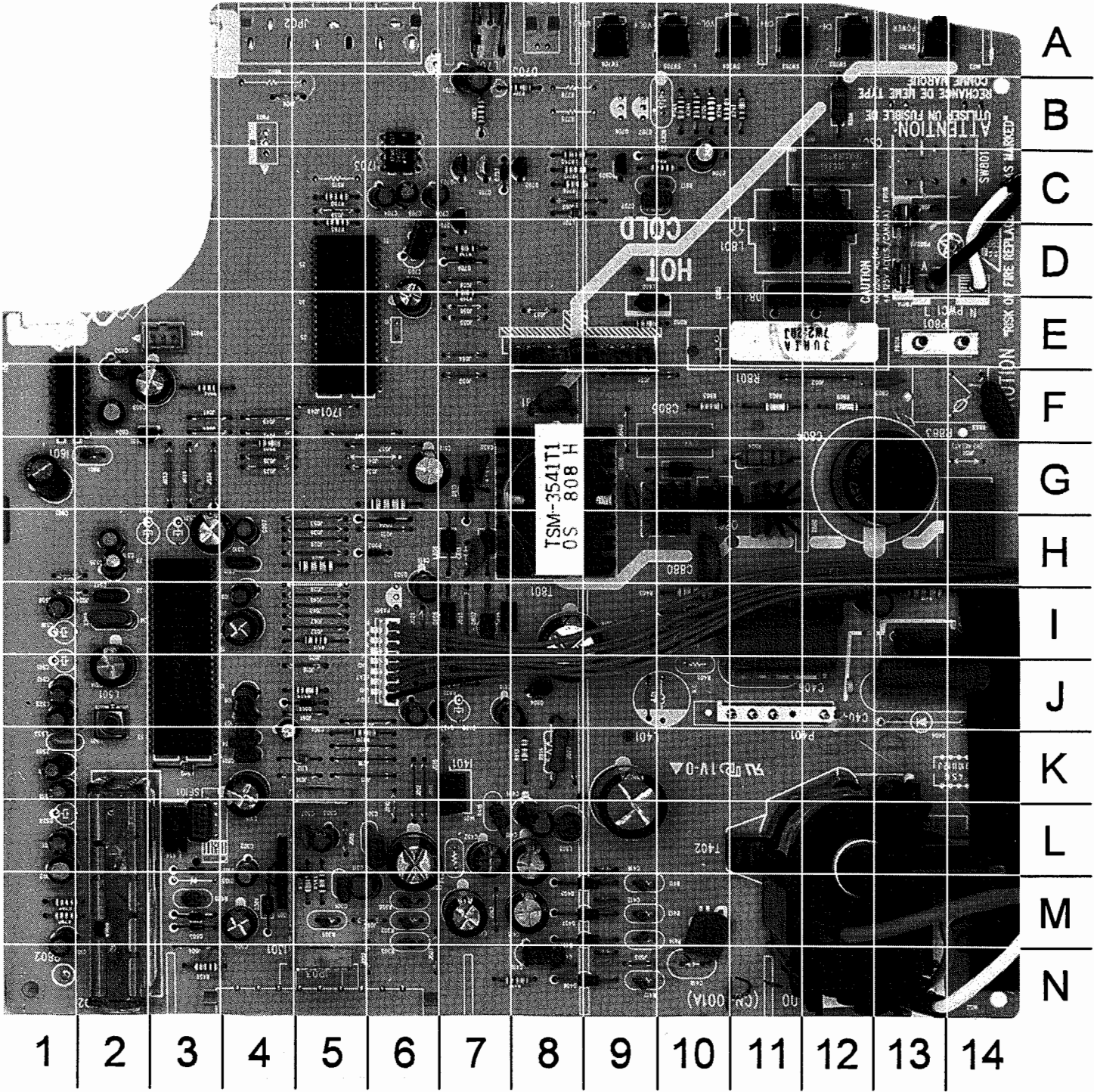
**Participating Vendors**

Information on test equipment and replacement parts is listed in these pages for the following participating vendors. Consult the Sams *Annual Index* for their current address.

- Custom Components Corporation (Chek-A-Color)
- NTE Electronics, Inc. (NTE)
- Philips ECG Company (ECG)
- Terrell & Nobis (TNI Electronics)
- Sencore, Inc.

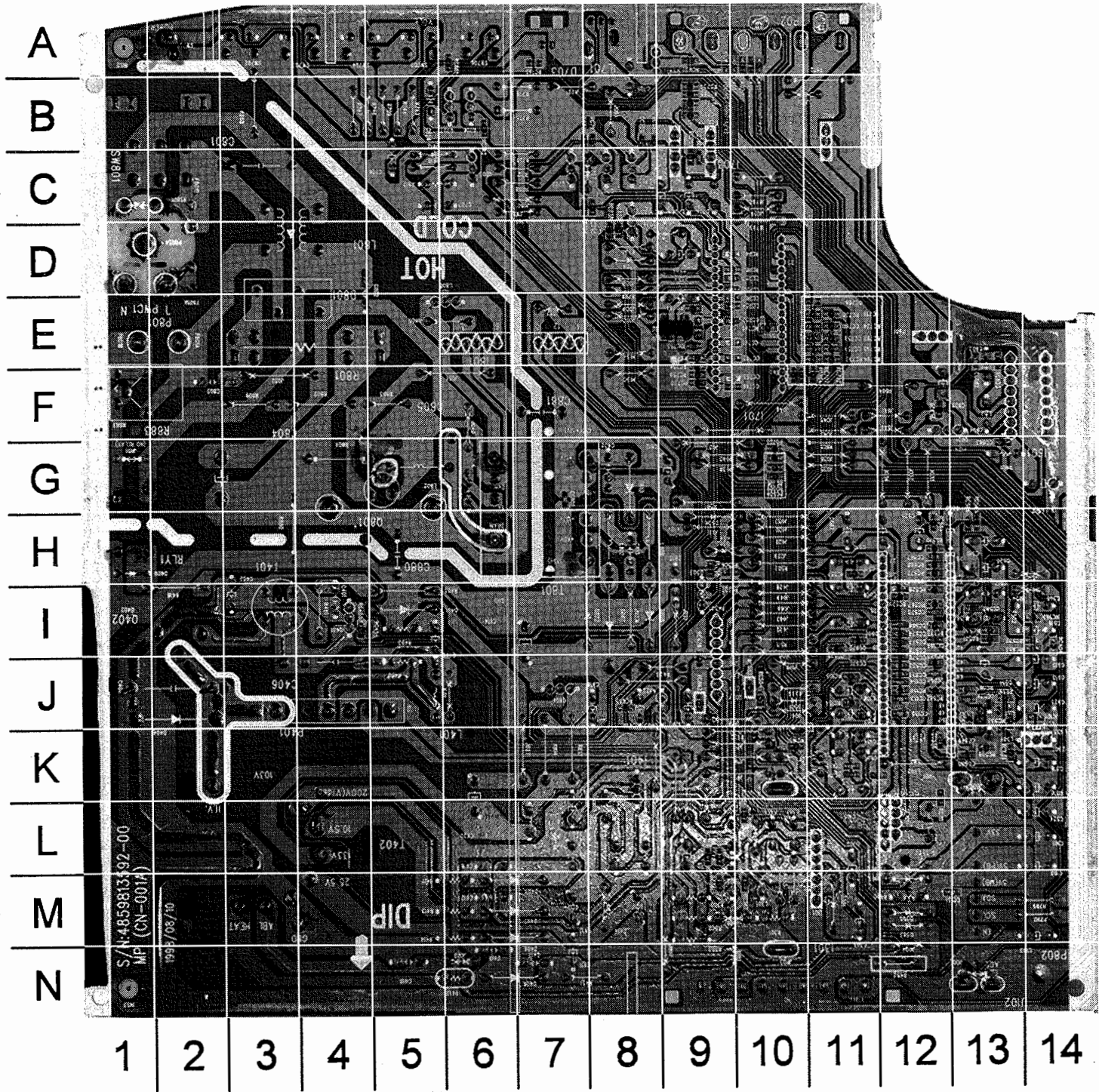


MAIN BOARD - TOP VIEW



MAIN BOARD - TOP VIEW, GRIDTRACE LOCATION GUIDE									
C101	L1	C517	I2	D409	H14	PWC1	D14	R712	C8
C102	L1	C518	K1	D501	J5	Q401	I11	R736	D7
C103	M1	C519	H2	D502	H6	Q402	I13	R743	B10
C104	K4	C520	H2	D503	M3	Q403	J6	R744	B10
C105	K4	C525	J1	D504	H6	Q601	F3	R746	B10
C106	J4	C601	K4	D505	M3	Q701	C7	R747	B11
C107	J4	C602	G1	D701	D6	Q702	C8	R750	C8
C301	M5	C603	F2	D704	D7	Q703	C7	R780	C5
C302	M4	C604	F2	D757	C7	Q704	C7	R785	D5
C303	L5	C605	F3	D801	D12	Q801	G10	R789	M1
C305	M4	C701	B7	D807	I7	Q804	J8	R790	M1
C307	L5	C702	E6	D808	I7	Q805	C9	R799	E7
C308	L6	C703	C7	D812	C10	R301	M5	R801	E11
C310	L6	C704	C6	D813	G7	R302	M6	R802	F11
C311	M5	C705	D6	D822	I7	R303	M6	R803	F10
C401	I11	C706	C10	F801	D13	R305	M6	R804	G11
C403	I13	C707	C10	I101	J3	R352	M5	R805	E9
C404	J13	C708	C6	I301	M4	R353	M5	R809	F12
C405	I10	C801	C12	I401	K7	R401	I11	R813	K8
C406	I11	C802	E11	I601	F1	R403	I10	R814	K8
C410	L8	C803	F13	I701	E5	R405	I10	R817	C10
C411	N8	C804	G13	I703	C6	R411	M9	R818	C10
C412	M9	C805	F10	I801	E9	R412	N9	R820	K5
C413	N9	C806	G9	IL701	A7	R413	M9	R822	J7
C414	M7	C812	G6	J063	B7	R414	M9	R883	F14
C415	M8	C813	H7	L111	L3	R416	I13	R888	B12
C416	M9	C814	I8	L112	K5	R418	L7	RLY1	H14
C417	N8	C815	I6	L501	J2	R420	M3	RS801	C14
C418	M10	C818	J8	L502	K3	R425	J7	SF101	L3
C451	L8	C819	J6	L533	K1	R451	N8	SW701	A13
C452	L7	C820	K9	L701	C8	R452	N3	SW702	A12
C501	K4	C832	G7	L800	E9	R501	G6	SW703	A11
C502	I4	C880	H10	L801	C12	R502	H5	SW704	A11
C507	H4	C881	F8	L802	G10	R511	I5	SW705	A10
C508	I1	D101	L3	L805	L8	R555	J5	SW706	A9
C509	I4	D301	M4	L807	H7	R601	G2	T401	I12
C510	H3	D401	I10	L808	H7	R604	F3	T402	L12
C511	H4	D405	M9	P401	J11	R605	G4	T801	G8
C512	K1	D406	N9	P601	E3	R701	B8	U102	M2
C513	J1	D407	M9	P801	E13	R708	C8	X502	I2
C514	J2	D408	M9	PA501	J6	R709	B10	Z501	K1

MAIN BOARD - BOTTOM VIEW



MAIN BOARD - BOTTOM VIEW, GRIDTRACE LOCATION GUIDE

CC151	M12	CC580	K13	RC360	L9	RC565	H13	RC738	D8
CC152	K11	CC662	E13	RC361	M9	RC566	H13	RC751	B9
CC153	J12	CC752	E10	RC362	M10	RC567	I12	RC752	B9
CC154	J12	CC753	E9	RC426	J9	RC568	H12	RC756	F9
CC155	J12	CC754	E10	RC453	J8	RC569	H12	RC759	F9
CC528	J13	CC755	D10	RC454	I5	RC570	H12	RC770	F9
CC551	J12	CC756	B8	RC455	I4	RC571	I12	RC781	B8
CC552	J12	CC757	D10	RC503	J10	RC572	H12	RC782	D10
CC556	K12	CC758	E11	RC508	G10	RC573	I12	RC784	E9
CC560	J12	CC759	E11	RC509	G10	RC655	E13	RC786	E10
CC562	I13	CC760	E11	RC510	J13	RC656	F12	RC787	B9
CC567	H12	CC780	C9	RC525	H13	RC703	C9	RC788	B9
CC568	I12	CC801	G7	RC526	I12	RC704	F10	RC790	E9
CC569	K13	CCA02	J12	RC530	I13	RC705	G10	RC791	E11
CC570	I11	RC105	J11	RC531	I13	RC706	G10	RC792	E11
CC571	J11	RC150	K11	RC533	J13	RC707	F10	RC793	E11
CC573	I11	RC151	K11	RC554	J10	RC731	B8	RC794	E11
CC574	I12	RC154	J11	RC557	H11	RC732	F11	RC795	C8
CC575	I12	RC156	J12	RC558	K13	RC733	E11	RC796	C8
CC577	I12	RC165	K10	RC559	K13	RC734	E11	RC797	B8
CC578	I12	RC351	L10	RC561	J13	RC735	E11	RC862	J9
CC579	J12	RC359	L9	RC562	J12	RC737	D8	XC701	E9

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PARTS LIST

SEMICONDUCTORS

(Select the replacement that gives the best results.)

Item No.	Type No.	Mfr. Part No.	ECG Part No.	NTE Part No.
D101	UZ-33B	DUZ33B	ECG5036A	NTE5036A
D301	1N4003	D1N4003	ECG116	NTE116
D401	1N4937GP	D1N4937GP	ECG552	NTE552
	BYD33G	-	ECG552	NTE552
D405 Thru				
D408	1N4937GP	D1N4937GP	ECG552	NTE552
	BYD33G	-	ECG552	NTE552
D409	1N4148	D1N4148	ECG519	NTE519
D501, 02	1N4148	D1N4148	ECG519	NTE519
D503	UZ-9.1BM	DUZ9R1BM	ECG5018A	NTE5018A
D504	1N4148	D1N4148	ECG519	NTE519
D505	UZ-9.1BM	DUZ9R1BM	ECG5018A	NTE5018A
	9.1VZ	-	-	-
D701	1N4148	D1N4148	ECG519	NTE519
D704	UZ3.9B	DUZ3R9B	ECG5007A	NTE5007A
D757	1N4148	D1N4148	ECG519	NTE519
D801	PBS208GU	DPBS208GUF	-	-
D807, 08	RGP15J	DRGP15J	ECG580	NTE580
D812	UZ-5.6BM	DUZ5R6BM	ECG5011A	-
D813	RGP15J	DRGP15J	ECG580	NTE580
D822	R2M	DR2M	ECG570	NTE570
I101	DCT814	1DCT814	-	-
I301	LA7841	1LA7841	-	-
I401	KIA7805PI	1K1A7805P1	-	-
I601	TDA7267A	1TDA7267A	-	-
I701	DW863228V-AA2	-	-	-
	DW863228V-AA1	1DW8632AA1	-	-
I703	24LC02B	124LC02B	-	-
# I801	DPM001T1	4850M04310	-	-
I901	TDA6103Q	1TDA6103Q	ECG7139	-
Q401	KSC2330Y	TKSC2330Y	ECG399	NTE399
Q402	2SD2499	T2SD2499	-	-
Q403	KSC945CY	TKSC945CY	ECG399	NTE399
Q601	KSC945CY	TKSC945CY	ECG399	NTE399
Q701, 02, 03	KSC945CY	TKSC945CY	ECG399	NTE399
Q704	KSA733CY	TKSA733CY	ECG290A	NTE290A
# Q801	2SK2564	T2SK2564	ECG399	NTE399
Q804	KSA1013Y	TKSA1013Y	ECG32	-
Q805	KTC3205Y	TKTC3205Y	ECG293	-

# For SAFETY use only equivalent replacement part.

CAPACITORS & ELECTROLYTICS

Item No.	Rating	Mfr. Part No.
C404	.0072 5% 1.6kV	CMYH3C722H
C801	.1 20% 275VAC	-
	.1 20% 250VAC	CL1UC3104M
# C802, 03	.0022 10% 500V	CCXB2H222K
C805	.0047 5% 1kV	CMYU3A472J
C806	.001 10% 1kV	CCXB3A102K
C813	470pF 10% 2kV	CBXB3D471K
	470pF 10% 1kV	-
C832	470pF 10% 2kV	CBXB3D471K
	470pF 10% 1kV	-
C880	.0022 250VAC	-
	.0022 400VAC	CH1BFE222M
# C881	.001 250VAC	-
	.001 20% 4kV	CH1HFE102M
C965	.001 10% 2kV	CCXB3D102K

# For SAFETY use only equivalent replacement part.

CONTROLS & RESISTORS

Item No.	Function/Rating	Mfr. Part No.	NTE Part No.
R801	2.2 5% 7W Wirewound	RX07C229JF	-
R883	7.7 Cold PTC	DEC7R0M140	-
# R888	5.6M 10% 1/2W	RC-2Z565KP	HW556
# RS801	Varistor	DSVC271D14	-

# For SAFETY use only equivalent replacement part.



PARTS LIST continued

COILS & TRANSFORMERS

Item No.	Function/Rating	Mfr. Part No.
# DY	Yoke Horiz 3.25mH Vert 27.0mH	58D0000082
L111	.55µH	58C5580019
L112	22µH	5CPZ220K02
L501	VCO	58N0000042
L502	10µH	5CPZ100K02
L533	15µH	5CPZ150K02
L701	22µH	5CPZ220K02
L800	Delay Line	58Q0000093
# L801	Line Filter	5PTLF106
L802	Ferrite Bead	5MC0000100
L805	Choke	58CX430599
L807, 08	Ferrite Bead	5MC0000100
# L900	Degaussing	58G0000078
T401	Horizontal Driver	50D0000022
# T402 (1)	Horizontal Output	50H0000198
# T801	Switch Mode	50M3541T1

# For SAFETY use only equivalent replacement part.  
(1) Focus and screen controls are part of T402.

MISCELLANEOUS

Item No.	Description	Mfr. Part No.	Notes
# CRT1	CRT	48A96414N1	A34JLL40X
# F801	Fuse	5F1GB4021L	4A, 125V, Fast Acting
IL701	Receiver	1KRT30	Remote, GP1U221Q
# PWC1	Line Cord	PTWASW3610	AC, Polarized
# RLY1	Relay	5SC0101338	Degaussing
# SCT1	Socket	4859303430	CRT
SF101	Filter	5PTSF5221P	SAW
SP01	Speaker	PTSPPPWH394	2" X 2 3/4", 8 Ohms, 3W
SW701	Switch	5S50101090	Power
SW702	Switch	5S50101090	Channel Down
SW703	Switch	5S50101090	Channel Up
SW704	Switch	5S50101090	Volume Down
SW705	Switch	5S50101090	Volume Up
SW706	Switch	5S50101090	Menu
X502	Crystal	5XEX3R579C	3.58MHz
XC701	Crystal	HXA32R768C	32.8kHz
Z501	Trap	5PXP545MB	4.58MHz
	Fuse Holder	4857415001	For F801 (2 Used)
	Transmitter	48B3738T01	Remote
# U102 (1)	Tuner	4859719130	UHF/VHF
	Wedge	-	Yoke Positioning (3 Used)

# For SAFETY use only equivalent replacement part.  
(1) Contact TNI Electronics for replacement; order by part number on tuner.

CABINET PARTS

Item	Mfr. Part No.
Model DTQ-13P2FC	
Back Cover	4852151800
Button Assembly	4854939300
Front Mask	4852067500
IR Window	4855536801
Model DTQ-13P3FC	
Back Cover	4852151800
Button Assembly	4854939801
Front Mask	4852067800
IR Window	4855536100

DAEWOO MODELS DTQ-13P2FC, DTQ-13P3FC (CHASSIS CN-001A)